





How do you use data & analytics?

What problem do you want to solve?

Establish a vision for analytics



Detect **fraud**?

Reduce **improper payments**?

Identify emerging **trends**?

Support **investigations**?

Identify high **risks**?

Identify audit risk areas?

Support **evaluations**?

Identify potential **targets**?

Detect anomalies or **outliers**?

Identify **vulnerabilities**?

All of the above?

Empowering the OIG to use data proactively

Increase efficiency

Increase data access

Use data and analytics to discover new insights



Getting answers on-demand through self-service tools

Establish a Strong Foundation

How do I get started?

Do you have the **data**?
What would it take to get it?

Do you have the **tools**?
If not, what could you do
with what you have now?

Do you have the **people**?
How do you find them or
grow them?

Do you have the right
partnerships?

Do you have a **modern
infrastructure**?

Data Talent

Who should I be looking for in my organization?

Curious mind, can-do attitude, willingness to learn

Domain knowledge
Analytical thinking
Mathematics
Statistics
Quantitative Analysis
Geospatial analysis
Programming
Data
Management
Communication
Visualization
Storytelling



Enable collaborative problem-solving

What principles should you embrace to promote collaboration and innovation?



Agile Mindset
Consultative Approach
Diversity in thought
Team Collaboration and Empowerment
Continuously Learn
Sustain Focus on the Important



Embrace the journey!

What Leaders – YOU! – Should Focus On

Cultivate the Culture

Provide clarity on what problem you're trying to solve

Set the vision

Lay a foundation

Hire smart people and give them credit for being smart

Look for leverage

Be patient and demonstrate persistence over time

Know the limits of analytics